

WATER PLAN

2013 to 2018

Supporting Document G

CAPEX 20 Year Investment Plan

Goulburn Valley Region Water Corporation

2012/2013 Capital Works 20-Year Infrastructure Investment Program PROJECT PURPOSE RM Asset Replacement/Maintenance of Levels

ROJE	CT TYPE	DESCRIPTION
WR	Water Resources	All Water Resources
WS1	Water Supply	Distribution and Bulk Metering
WS2	Water Supply	Reticulation
WQ1	Water Quality	Water Treatment
WQ2	Water Quality	Other Water Quality Works
SC	Sewage Collection	Trunk Sewers, Reticulation ar
CD.	Sawaga Treatment and Disposal	Mach Elea Disinfection Odo

WS1 WS2 WQ1 WQ2 SC SD	Water Resources Water Supply Water Supply Water Quality Water Quality Sewage Collection Sewage Treatment and Disposal Corporate Services	All Water Resources Distribution and Bulk Metering Reticulation Water Treatment Other Water Quality Works Trunk Sewers, Reticulation and Pumps Mech, Elec, Disinfection, Odour Control, Lagoo Buildings, Cars, Office Equipment, etc	ons, etc			IM GE	Improvem	ent of Serv Existing	ice Levels (Includes	Security of			Vater Quality)																
								T\	VENTY-YE	EAR INVES	TMENT PL	AN '2012/	/20132031/2	032															
											LY FINAN																		
										PROPOSE	D EXPEND	ITURE (\$'	'000)																
REF	PROJECT DESCRIPTION		A	ct.Exp.to	Est.Exp.for	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO			3	30/06/11			Year 2	Year 3	Year 4		Year 6	Year 7		Year 9			Year 12					Year 17	Year 18	Year 19	Year 20				
	Landowner Reticulation Works - Water			1,800	1,700	1,700	1,700	1,700	1,700		1,700	1,700		1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	37,500	ALL	GE	WS2
821	Landowner Reticulation Works - Sewer			2,900	2,800	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	2,900	63,700	ALL	GE	SC
		SU	B-TOTAL	4,700	4,500	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	4,600	101,200			
								Τ\	VENTY-YE	EAR INVES	TMENT PL	AN '2012/	/20132031/2	032															
										SHA	ARED AS	SETS																	
										PROPOSE	D EXPEND	ITURE (\$'	'000)																
REF	PROJECT DESCRIPTION		A	ct.Exp.to	Est.Exp.for	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO				30/06/11			Year 2	Year 3	Year 4	Year 5	Year 6	Year 7		Year 9	Year 10					Year 15			Year 18				. •		
	Shared Assets - Sewer			721	593	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	13,314	ALL	GE	SC
	Shared Assets - Water All Areas - Councils - Water & Sewer			301 600	620 365	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	600 400	12,921 8,965	ALL ALL	GE RM	WS2 WS2/SC
1000	All Aleas - Councils - Water & Sewer			000	303	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	0,900	ALL	KIVI	W32/3C
		SU	B-TOTAL	1,622	1,578	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	35,200			
								Τ\	VENTY-YE	EAR INVES	TMENT PL	AN '2012/	/20132031/2	032															
											REAS (OI																		
											D EXPEND																		
RFF	PROJECT DESCRIPTION		Δι	ct Exp to	Est.Exp.for	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO	1 RODEOT BEGOMM THOM			•	•		Year 2	Year 3	Year 4			Year 7		Year 9			Year 12									IOIAL			
	All Areas - Relining / Replacement Sewers			600	500	525	1,500	1,500	1,500	1,500	1,500	3,100		3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	3,100	52,525	ALL	IM	SC
	All Areas - Water Mains Replacement All Areas - Water Meters (Replacement)			700	765	725	3,205	3,255	3,265	4,115	4,125	3,900		4,200	4,200	4,200	4,200	4,200	4,200	4,000	4,000	4,000	4,000	4,250	4,250	77,655	ALL	RM	WS2
	All Areas - Water Meters (Replacement) All Areas - Water Meters Stock			274 116	315 100	325 120	290 120	290 120	290 120	290 120	290 120	295 120	295 120	295 120	295 120	295 120	275 120	6,314 2,616	ALL ALL	RM GE	WS1 WS1								
	All Areas - Above Ground Asset Replacem	ent		843	1,150	1,210	1,315	1,315	1,315	1,315	1,315	1,315		1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	1,315	28,188	ALL		WQ1/SC
	All Areas - Asset Acquisitions - Corporate A	Assets		2,908	3,120	3,230	3,230	3,230	3,230	3,230	3,230	3,230		3,230	3,230	3,230	3,230	3,230	3,230	3,230	3,230	3,230	3,230	3,230	3,230	70,628	ALL	RM	CS
	All Areas - Minor Infrastructure Items All Areas - Non Revenue Bulk Flow Meters	Ungrada & Panlacoment		494	320 75	330 285	330 285	330 265	330 115	330 105	330 85	330 145	330 105	330 95	330 115	330 125	330 135	330 135	330 115	330 105	330	330 125	330 175	330 175	330 150	7,414 3,100	ALL ALL	RM RM	WQ1 WS1
2100	All Aleas - Noti Revenue Bulk Flow Meters	opgrade & Replacement			75	200	200	200	115	105	00	145	105	95	115	125	133	133	115	105	100	125	175	1/5	150	3,100	ALL	KIVI	WSI
		SU	B-TOTAL	5,935	6,345	6,750	10,275	10,305	10,165	11,005	10,995	12,435	12,395	12,685	12,705	12,715	12,705	12,705	12,685	12,475	12,555	12,495	12,545	12,795	12,770	248,440			
								Τ\	VENTY-YE	EAR INVES	TMENT PL	AN '2012/	/20132031/2	032															
											ALL ARE		201011200172	.002															
										PROPOSE	D EXPEND	ITURE (\$'	'000)																
DEE	PROJECT DESCRIPTION		٨	ct Evn to	Est.Exp.for	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TVDE
NO	PROJECT DESCRIPTION				2011/2012						Year 6			Year 9			Year 12									IOIAL	101111	FORFOSE	'''-
1800	All Areas - Electrical As-Constructed Drawi	ngs		320	255																					575	ALL	RM	SC
	All Areas - SCADA System Review															195										195	ALL	IM	CS
	All Areas - SCADA Infrastructure Upgrade All Areas - Cast Iron Water Main Replacen	eent Program		355 3.460	1,520 810	3,470 535	3,860																			9,205 4.805	ALL ALL	RM RM	CS WS2
	All Areas - Security Fencing Program	ienti logiani		120	115	355																				590	ALL	IM	WR
2007	All Areas - Fluoride Plants for Cobram, Kya	bram & Seymour		1,690	147																					1,837	ALL	IM	WQ1
2102	All Areas - Switchboard Replacements			7	488	450	0.5		765		505															1,765	ALL	RM	WQ1
	All Areas - Optimisation of Gas Train Equip All Areas - Alexandra & Mansfield WMF's S			120	60 265	150	35																			365 265	ALL ALL	RM IM	SD SD
	All Areas - Small Town Filtration Plants	pepiage racililles		1,674	3,326																					5,000	ALL	IM	WQ1
2210	All Areas - Sewer Rising Main Replacemen				240			60	670																	970	ALL	RM	SC
	All Areas - SCADA Infrastructure Replacen			الكيب													3,000	4,000	3,250							10,250	ALL	RM	CS
	All Areas - Fire Damaged Security Fencing All Areas - New Fluoridation Plants			57	933		1.900	1,900	1,900	1.900	2.340															990 9,940	ALL ALL	RM GE	WR WQ1
	All Areas - Instrumentation Program					170	1,900	100	100	1,900	2,340															370	ALL	GE	CS
2320	All Areas - Centralised Stores					160																				160	ALL	GE	CS
	All Areas - Sewage Pump Station Ventilation	on					5	115	75	270	180															645	ALL	IM	SC
	All Areas - Sewer Rising Main Ventilation All Areas - Security Keys				240	255		120	120		60															300 495	ALL ALI	IM RM	SC CS

REF PROJECT DESCRIPTION NO		Act.Exp.to 30/06/11	Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYPE
1800 All Areas - Electrical As-Constructed Drawings		320	255																					575	ALL	RM	sc
1802 All Areas - SCADA System Review														195										195	ALL	IM	CS
1803 All Areas - SCADA Infrastructure Upgrade		355	1,520	3,470	3,860																			9,205	ALL	RM	CS CS
1806 All Areas - Cast Iron Water Main Replacement Program		3,460	810	535																				4,805	ALL	RM	WS2
2001 All Areas - Security Fencing Program		120	115	355																				590	ALL	IM	WR
2007 All Areas - Fluoride Plants for Cobram, Kyabram & Seymour		1,690	147																					1,837	ALL	IM	WQ1
2102 All Areas - Switchboard Replacements		7	488				765		505															1,765	ALL	RM	WQ1
2106 All Areas - Optimisation of Gas Train Equipment at WMF's		120	60	150	35																			365	ALL	RM	SD
2109 All Areas - Alexandra & Mansfield WMF's Septage Facilities			265																					265	ALL	IM	SD
2122 All Areas - Small Town Filtration Plants		1,674	3,326																					5,000	ALL	IM	WQ1
2210 All Areas - Sewer Rising Main Replacements			240			60	670																	970	ALL	RM	SC
2241 All Areas - SCADA Infrastructure Replacement															3,000	4,000	3,250							10,250	ALL	RM	CS
2242 All Areas - Fire Damaged Security Fencing		57	933																					990	ALL	RM	WR
2301 All Areas - New Fluoridation Plants					1,900	1,900	1,900	1,900	2,340															9,940	ALL	GE	WQ1 CS
2316 All Areas - Instrumentation Program				170		100	100																	370	ALL	GE	CS
2320 All Areas - Centralised Stores				160																				160	ALL	GE	CS
2336 All Areas - Sewage Pump Station Ventilation					5	115	75	270	180															645	ALL	IM	SC
2337 All Areas - Sewer Rising Main Ventilation						120	120		60															300	ALL	IM	SC CS
2345 All Areas - Security Keys			240	255																				495	ALL	RM	CS
	SUB-TOTAL	7,803	8,399	5,095	5,800	2,295	3,630	2,170	3,085	0	0	0	0	195	3,000	4,000	3,250	0	0	0	0	0	0	48,722			
						TV	VENTY-YE	AR INVEST	TMENT PLA	AN '2012/2	0132031/2	2032															

						TV	VENTY-YE	AR INVES	TMENT PLA	AN '2012/2	20132031/2	2032															
								Α	LEXAND	RA																	
							F	PROPOSE	EXPENDI	ITURE (\$'0	000)																
REF PROJECT DESCRIPTION		Act.Exp.to	Est.Exp.for	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYP
NO		30/06/11	2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20				
1707 Alexandra - Alexandra to Eildon Pipeline		8,726	174																					8,900	ALEX	IM	WQ1
2009 Alexandra - Water Network Augmentation - Stage 1				20	160																			180	ALEX	GE	WS2
2204 Alexandra - WMF Lagoon 6 Refurbishment												170	1,050											1,220	ALEX	RM	SD
2343 Alexandra - Clear Water Storage Augmentation																	45	400						445	ALEX	GE	WS1
2348 Alexandra - Water Network Augmentation - Stage 2									160	1,200														1,360	ALEX	GE	WS2
	SUB-TOTAL	8,726	174	20	160	0	0	0	160	1,200	0	170	1,050	0	0	0	45	400	0	0	0	0	0	12,105			

						1 0 0			AVENEL EXPENDI	-	00)	032															
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012																						TOWN	PURPOSE	TYPE
	SUB-TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

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Goulburn Valley Region Water Co	<u>orporation</u>		2012	<u>2/201</u>	<u> 3 Са</u> г	oital W	Vorks Wenty-yea	<u>: 20-Y</u>	<u>'ear Ir</u>	nfrast	tructu	<u>ire Inv</u>	<u>estn</u>	<u>nent P</u>	Progra	<u>am</u>											
						IVV	/ENTY-YE/		BARMAI		.0132031/2	.032															
							Р	PROPOSED	D EXPEND	ITURE (\$'00)00)																
REF PROJECT DESCRIPTION			to Est.Exp.for		13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO		30/06/11	1 2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20				
L	SUB-TOTAL	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	00			
		-		-		TV	WENTY-YEA				20132031/2	2032															
							ı	BA) PROPOSED	XTERS R		2001																
·		- (1240	15/4.4	****				,	,	20/24	- 4 /20	- 0 / 20		- 4125	-= 120			30/20	30/20	30/04	- 4/20		70,401		=\/D/
REF PROJECT DESCRIPTION NO			to Est.Exp.for 1 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TO1AL	TOWN	PURPOSE	TYPE
	CUR TOTAL					0		•				0							0		_		0	0			
	SUB-TOTAL	. 0	0	0	0	0	0				0		0	0	0	0	0	0		0	0	0	0				
		-				TW	WENTY-YEA		ONNIE DO		.0132031/2	2032															
							F	PROPOSED)00)																
REF PROJECT DESCRIPTION			to Est.Exp.for		13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPF
NO 2328 Bonnie Doon - Zimmerman Avenue Odour Control Works		30/06/11	1 2011/2012 60	Year 1 315	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	375	BON	IM	SC
2320 BUILLIE DOOH - ZIIIIIII HIII AVEHUE GOOGI GOIII OI WORS																									DON	livi	50
	SUB-TOTAL	0	60	315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	375			
	,	-		-	-	TV	WENTY-YEA				20132031/2	2032												-	-		
							г	BI PROPOSED	ROADFO D EXPEND	J RD DITURE (\$'0	J00)																
REF PROJECT DESCRIPTION		Act.Exp.t	to Est.Exp.for	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYP
NO			1 2011/2012		Year 2		Year 4			Year 7	Year 8	Year 9		Year 11								Year 19					
 1903 Broadford - WMF Irrigation Capacity Upgrade 1911 Broadford - Broadford to Kilmore Pipeline 										140	470	1,060								400	500	7,000	7,780	1,670 15,680	BRO BRO	GE GE	SD WR
2105 Broadford - WTP Chlorination Facilities Upgrade				370																100	000	1,000	1,100	370	BRO	IM	WQ1
2304 Broadford - WTP Upgrade						200	200			3,600	3,660													7,660	BRO	IM	WQ1
	SUB-TOTAL	0	0	370	0	200	200	0	0	3,740	4,130	1,060	0	0	0	0	0	0	0	400	500	7,000	7,780	25,380			
						TV	WENTY-YEA				20132031/2	2032															
							ı	PROPOSED	BUXTON		2001																
l										,	,		- : /00			- : (0.00			-7/00	- 2/00		- 2/04					
REF PROJECT DESCRIPTION NO			to Est.Exp.for 1 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYP
	CUR TOTAL			2	2	2	2	0	2	2	2	2	^	^		^			2		^	^	^	^			
	SUB-TOTAL	. 0		<u> </u>	<u> </u>	<u> </u>	U								0	0	U	0									
						TV	WENTY-YEA		TMENT PLA COBRAN		.0132031/2	2032															
							F	PROPOSED			J00)																
REF PROJECT DESCRIPTION		Act.Exp.t	to Est.Exp.for	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYP
NO			1 2011/2012				Year 4	Year 5	Year 6	. 0, . 0			Year 10	Year 11	Year 12	Year 13				Year 17							
1384 Cobram - WTP Augmentation Stage 2 2240 Cobram - MGC Unfluoridated Water Pipeline				130	2,220	200							150	370	2,590	2,620								5,730 2,550	COB COB	GE IM	WQ ²
2329 Cobram - SPS01 Odour Control Upgrade			40		30	250																		280	COB	IM	SC
2330 Cobram - Campbell Road Sewer Rising Main Diversion			10	70																				80	COB	IM	SC
	SUB-TOTAL	0	10	200	2,250	450	0	0	0	0	0	0	150	370	2,590	2,620	0	0	0	0	0	0	0	8,640			
				-		TV	WENTY-YEA	AR INVES	TMENT PL	AN '2012/2	20132031/2	2032															
							,	CC PROPOSED	OLBINAB D EXPEND		J00)																
REF PROJECT DESCRIPTION		Act Evn f	to Est.Exp.for	. 12/13	13/14	14/15				18/19	,	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	ΤΟΤΔΙ	TOWN	PURPOSE	TYE
NO			1 2011/2012																	Year 17				IOTAL	TOWN	FUNFUSE	111
	SUB-TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	30B-TOTAL												U	U	U	U	U	0									
						TW	WENTY-YEA	AR INVES	COROP		.0132031/2	:032															
							F	PROPOSED			J00)																
										•																	

Act.Exp.to Est.Exp.for 12/13 13/14 14/15 15/16 16/17 17/18 18/19 19/20 20/21 21/22 22/23 23/24 24/25 25/26 26/27 27/28 28/29 29/30 30/31 31/32 TOTAL TOWN PURPOSE TYPE 30/06/11 2011/2012 Year 1 Year 2 Year 3 Year 4 Year 5 Year 6 Year 7 Year 8 Year 9 Year 10 Year 11 Year 12 Year 13 Year 14 Year 15 Year 16 Year 17 Year 18 Year 19 Year 20

REF PROJECT DESCRIPTION NO

SUB-TOTAL 0

Goulburn Valley Region Water Corp	oration		2012	<u>2/201</u> :	3 Cap								estn/	nent F	Progra	am											
		<u> </u>					VENTY-YE	AR INVES	MENT PL DOOKI	AN '2012/20 E	0132031/2																
										OITURE (\$'0	,																
REF PROJECT DESCRIPTION NO		Act.Exp.to 30/06/11	Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYPE
	SUB-TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	30B-101AL	0	0	0	0		VENTY VE	· A D IA D //E O	TATELIT DI	AN 10040/0	040 0004/0			0	U	0	0	0	0	0		0	0	0			
						IV	VENIY-YE	AR INVES	EILDO	.an '2012/2 N	0132031/2	032															
							F	PROPOSEI		ITURE (\$'0	00)																
REF PROJECT DESCRIPTION			Est.Exp.for		13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO 1812 Eildon - WMF Balancing Storage		30/06/11 383	2011/2012 12	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	395	EIL	IM	SD
2112 Eildon - WMF Inlet Works Upgrade		17	95	78						70	575													190	EIL	IM	SD
2117 Eildon - WMF Secondary Treatment Plant Upgrade 2118 Eildon - WMF Sludge Handling Upgrade										70	575		30	140										645 170	EIL	IM IM	SD SD
2119 Eildon - WMF Tertiary Treatment Plant Replacement										25	80	690												795	EIL	RM	SD
	SUB-TOTAL	400	107	78	0	0	0	0	0	95	655	690	30	140	0	0	0	0	0	0	0	0	0	2,195			
						TV	VENTY-YE	AR INVES	TMENT PL	AN '2012/2	0132031/2	032															
								PR∩P∩SEI	EURO	A DITURE (\$'0	00)																
REF PROJECT DESCRIPTION		Act Eve to	Eat Eyn for	10/10	12/11	4 4 /4 E				•	,	20/24	24/22	22/22	22/24	24/25	25/26	26/27	27/20	20/20	20/20	20/24	24/22	TOTAL	TOWN	PURPOSE	TVDE
NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11			25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL			
1813 Euroa - WMF Irrigation Capacity Upgrade 1814 Euroa - Gooram Pipeline Replacement									220			2,225			40	400								440 2,445	EUR EUR	GE RM	SD WR
1851 Euroa - Replacement of Abbinga Reservoir									200			2,620	2,620											5,440	EUR	RM	WR
2308 Euroa - WTP Sludge Management 2310 Euroa - Sewer Rising Main No.1 Replacement					30	330	40	50		1,910														360 2,000	EUR EUR	RM RM	SD SC
2315 Euroa - Switchboard and Automation Upgrade at Euroa WTP				10	280				400		1.000													290	EUR	RM	WQ1
2323 Euroa - Raw Water Storage Augmentation 2338 Euroa - Clear Water Storage Augmentation							200 70	400 1,350	100	1,800	1,900													4,400 1,420	EUR EUR	RM GE	WQ1 WS1
<u> </u>	SUB TOTAL	0	0	10	210	220	210	1 900	F20	2.710	1 000	4 0 4 5	2 620	0	40	400	0	0	0	0	0	0	0	16 705			
	SUB-TOTAL	0	U	10	310	330	310	1,800	520	3,710	1,900	4,845	2,620	0	40	400	U	0	U	U	U	U	U	16,795			
						TV	WENTY-YE		TMENT PL GIRGAR I	.AN '2012/2 RF	0132031/2	032															
							F			OITURE (\$'0	00)																
REF PROJECT DESCRIPTION		Act.Exp.to	Est.Exp.for	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO		30/06/11	2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20				
	SUB-TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
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				10/10						OITURE (\$'0		22/24	04/00	00/00	22/24				0=100				24/22				
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYPE
	CUD TOTAL				0	0	0	0	0		0	0												0			
	SUB-TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
						TV	WENTY-YE		TMENT PL ' ANDRA	.AN '2012/2 WEST	0132031/2	032															
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REF PROJECT DESCRIPTION			Est.Exp.for		13/14	14/15	15/16	16/17	17/18		19/20	20/21	21/22								29/30		31/32	TOTAL	TOWN	PURPOSE	TYPE
NO		30/06/11	2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20				
	SUB-TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
						TV	VENTY-YE			AN '2012/2	0132031/2	032															
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REF PROJECT DESCRIPTION		Act.Exp.to	Est.Exp.for	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO		30/06/11	2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20				
	SUB-TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
						TV	VENTY-YE	AR INVES	TMENT PL	AN '2012/2	0132031/2	032															
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DEE DOO IEST DESCRIPTION		A-4 = :	Fat For 1	40/45	4044	444-					,	00/01	04/00	00/00	00/01	0.4/0=	05/65	00/0-	07/00	00/55	00/00	00/01	24/05	TOT.:	TOWN	DUDDOS-	TV6=
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10		23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18		31/32 Year 20	TOTAL	IOWN	PURPOSE	TYPE
1816 Kilmore - WTP Improvement Works		1,500	100																					1,600	KIL	IM	WQ1
1817 Kilmore - Green Street WPS Upgrade1818 Kilmore - Water Network Augmentation					60	40	445	60	670															545 730	KIL KIL	GE GE	WS1 WS1
1901 Kilmore - WMF Additional Winter Storage 2115 Kilmore - WTP Control Building		804	20 1,511	150	1,660	1,300	1,350																	4,480 2,315	KIL KIL	GE RM	SD WQ1
2305 Kilmore - Sewer Network Augmentation		0U4	110,11		210		1,190																	1,600	KIL	RM	WQ1
2318 Kilmore - Willowmavin Estate Second Water Main Connection 2321 Kilmore - WMF Additional Irrigation Area					15	100				100	960													115 1,060	KIL KIL	IM GE	WQ1 SD
2326 Kilmore - Kilmore North Tank Land Acquisition				110	40	280					000													430	KIL	IM	WQ1

 SUB-TOTAL
 2,304
 1,631
 260
 1,985
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Goulburn Valley Region Water Corp	oration		2012	2/201	<u> 3 Сар</u>	ital V	Vorks	20-Y	ear Ir	nfrast	tructu	re Inv	<u>vestn</u>	<u>nent F</u>	Progra	am											
						IV		KIRV	VANS BE	AN '2012/20 RIDGE DITURE (\$'00		032															
REF PROJECT DESCRIPTION			Est.Exp.for		13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO 2229 Kirwan's Bridge – Clear Water Storage Augmentation		30/06/11	2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5 30	Year 6 260	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	290	KIRW	IM	WS1
	SUB-TOTAL	0	0	0	0	0	0	30	260	0	0	0	0	0	0	0	0	0	0	0	0	0	0	290			
						TV	VENTY-YE	AR INVES	TMENT PL	AN '2012/20	20132031/2	1032															
							F		KYABRA DEXPEND	M DITURE (\$'0)	000)																
REF PROJECT DESCRIPTION			Est.Exp.for		13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO 1819 Kyabram - High Lift Water Pump Station Upgrade		30/06/11	2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6 70	Year 7 870	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	940	KYAB	GE	WS1
2124 Kyabram - Albion Street Water Main Augmentation 2246 Kyabram - SPS14 Land Purchase			105	20		150																		170 105	KYAB KYAB	IM	WS1 SC
2313 Kyabram - SPS05 Odour Control Upgrade			105		20	260																		280	KYAB		SC
	SUB-TOTAL	0	105	20	20	410	0	0	70	870	0	0	0	0	0	0	0	0	0	0	0	0	0	1,495			
						TV	VENTY-YE	AR INVES	TMENT PL	AN '2012/20	20132031/2	2032															
								L	ONGWO																		
REF PROJECT DESCRIPTION		Act.Exp.to	Est.Exp.for	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO 1708 Longwood - Upgrade of Nine Mile Creek Reservoir		30/06/11 360	2011/2012 225	Year 1 980	Year 2 2,000	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	3,565	LON	RM	WR
201ghood Opgrado d'Amic Mile Crock (1600)	CUD TOTAL				,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	,	20.1		
	SUB-TOTAL	360	225	980	2,000	U TV	0 VENTY-YE	O EAR INVES	TMENT PL	.AN '2012/20	0	0	0	0	0	0	0	0	0	0	0	0	0	3,565			
							F		IANSFIE EXPEND	L D ITURE (\$'0	000)																
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Vear 10	22/23 Year 11	23/24 Year 12	24/25 Vear 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYPE
1821 Mansfield - WTP Upgrade		30/00/11	2011/2012					i eai J	i eai o	rear 7	150	2,590	Teal 10	real II	1641 12	Teal 13	Teal 14	Teal 13	Teal 10	Teal 17	Teal 10	i cai 13	Teal 20	2,740	MAN	GE	WQ1
1902 Mansfield - WMF Additional Winter Storage 2003 Mansfield - Water Network Augmentation - Stage 1			60	280 30	2,500	1,000 230	2,210	100	780															6,050 1,140	MAN MAN	GE GE	SD WS1
2103 Mansfield - Reservoir No.3 Embankment Upgrade 2203 Mansfield - WMF Master Plan Projects		80	1,220		60	520																		1,300 580	MAN MAN	IM RM	WR SD
2208 Mansfield - Kareen Hills Sodium Hypochlorite Dosing Unit			65	60	00																			125	MAN	IM	WQ1
2312 Mansfield - Sewage Pump Station No.2 Upgrade 2322 Mansfield - WMF Additional Irrigation Area				125		90									60	660								215 720	MAN MAN	RM GE	SC SD
2349 Mansfield - Water Network Augmentation - Stage 2																	50	200						250	MAN	GE	WS1
	SUB-TOTAL	80	1,345	495	2,560	1,840	2,210	100	780	0	150	2,590	0	0	60	660	50	200	0	0	0	0	0	13,120			
						TV		М	ARYSVII	AN '2012/20 LLE OITURE (\$'00		2032															
REF PROJECT DESCRIPTION			Est.Exp.for			14/15	15/16	16/17	17/18	18/19	19/20	20/21		22/23		24/25					29/30		31/32	TOTAL	TOWN	PURPOSE	TYPE
NO 1823 Marysville - Disinfection Upgrade		30/06/11 20	2011/2012 35		Year 2 2,590		Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	5,500	MAR	IM	WQ1
1824 Marysville - Buxton Supply Main Augmentation 2127 Marysville - Aub Cuzens Reservoir Electrical Conduit		333 39	27 186																					360 225	MAR MAR	IM IM	WS1 WQ1
2309 Marysville - WMF Irrigation Capacity Upgrade		00	100						265															265	MAR		WQ1
	SUB-TOTAL	392	248	250	2,590	2,605	0	0	265	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,350			
						TV	VENTY-YE		TMENT PL	.AN '2012/20 JM	20132031/2	.032															
REF PROJECT DESCRIPTION		Act Evn to	Est.Exp.for	12/12	13/14	14/15	15/16	PROPOSEI 16/17	17/18	ITURE (\$'0	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TVDE
NO			2011/2012			Year 3	Year 4	Year 5	Year 6						Year 12												
2340 Merrigum - Clear Water Storage Augmentation							25	200																225	MERR	GE	WS1
	SUB-TOTAL	0	0	0	0	0	25	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	225			
						TV		MC	LESWO	AN '2012/20 RTH		2032															
DES. DOG JEGT DESCRIPTION		A - 1 = 1 -	E-1 E f	4040	40/44	4445				OITURE (\$'00		00/04	04/00	00/00	00/04	04/05	05/00	00/07	07/00	00/00	00/00	00/04	04/00	TOT 41	T014/11	DUDDOOL	TVDE
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	IOIAL	IOWN	PURPOSE	TYPE
	SUB-TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
						TV	VENTY-YE	AR INVES	TMENT PL	AN '2012/20	20132031/2	.032															
								M	OOROOF																		
REF PROJECT DESCRIPTION		•	Est.Exp.for		13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO 1321 Mooroopna - WMF Chemical Dosing		30/06/11	2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8 70	Year 9 500	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	570	MOO	IM	SD
1502 Mooroopna - WMF HRAL Upgrade			25	450							80	830												910	MOO	IM	SD
2207 Mooroopna - Echuca Road Water Main Augmentation 2215 Mooroopna - Learning and Education Centre			20 255	150																				170 255	MOO MOO	IM IM	WS1 CS
2217 Mooroopna - McLennan Street Pump Station Upgrade 2218 Mooroopna - DN300 Distribution Main to Mooroopna West Growth Corridor								785										95	1,600					1,695 785	MOO MOO	GE GE	WS1 WS1
2220 Mooroopna - Echuca Road Pump Station Upgrade 2223 Mooroopna - McLennan Street Water Main Augmentation																70	800	17F	1,460					870 1,635	MOO MOO	GE GE	WS1 WS1
2235 Mooroopna - WMF Irrigation Capacity Upgrade					65	690												173	1,400					755	MOO	GE	SD
		_																									

SUB-TOTAL

2012/2013 Capital Works 20-Year Infrastructure Investment Program

Goulburn Valley Region Water Col	poration		2011	_,	Jup				oui iii	mast	uotu		CSIII	i c iil i	rogra												
						TV		M	URCHIS	AN '2012/20 ON ITURE (\$'00		032															
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYPE
	SUB-TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0			
						TV		1	NAGAMB	AN '2012/20 I IE ITURE (\$'00		032															
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Vear 13	25/26 Year 14	26/27 Year 15	27/28 Vear 16	28/29 Year 17	29/30 Year 18	30/31 Year 10	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYPE
1904 Nagambie - WMF Irrigation Capacity Upgrade		45				10010	1001 4		50	365	Tour o	100.0	100110	1001 11	1001 12	100110	1001 14	100110	100.10	100111	100.10	100110	1001 20	415	NAG	GE	SD
2126 Nagambie - Clear Water Storage Upgrade 2202 Nagambie - WTP Improvement Works		15	120 90	320 455	1,565																			2,020 545	NAG NAG	GE IM	WQ1 WQ1
2206 Nagambie - SPS02 Upgrade 2224 Nagambie - SPS04 Upgrade						10 30	95 250																	105 280	NAG NAG	GE GE	SC SC
2225 Nagambie - SPS09 Additional Storage 2226 Nagambie - SPS04 Rising Main Replacement					250	20 2,170	30	145																195 2,420	NAG NAG	GE GE	SC SC
2230 Nagambie - WTP Capacity Upgrade					250	150	1,230																	1,380	NAG	GE	WQ1
2234 Nagambie - WMF Land Purchase			145																					145	NAG	GE	SD
	SUB-TOTAL	15	355	775	1,815	2,380	1,605	145	50	365	0	0	0	0	0	0	0	0	0	0	0	0	0	7,505			
						TV		- 1	NATHALI	AN '2012/20 IA ITURE (\$'00		032															
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYPE
718 Nathalia - WMF Winter Storage Drainage Works		30/00/11		rear r	rear 2	rear 5	1001 4	rear 5	rear o	rear r	rear o	35	145	Tour II	TCai 12	1001 10	1001 14	rear 15	rear ro	real 17	rear ro	rear 13	1001 20	180	NAT	IM	SD
1853 Nathalia - Purchase of Mortimer Property 2302 Nathalia - WTP Upgrade			1,060		340	1,800	1,850			1,400	1,410													1,060 6,800	NAT NAT	IM IM	SD WQ1
	SUB-TOTAL	0	1,060	0	340	1,800	1,850	0	0	1,400	1,410	35	145	0	0	0	0	0	0	0	0	0	0	8,040			
	005 101712		1,000		0.10					AN '2012/20			140											0,010			
						IV		NUMUF	RKAH/WU	JNGHNU ITURE (\$'00		.032															
REF PROJECT DESCRIPTION			Est.Exp.for		13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO 1825 Numurkah - WTP Upgrade		30/06/11	2011/2012 70	Year 1 150	Year 2 200	Year 3 4,180	Year 4 4,500	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	9,100	NUM	GE	WQ1
 1826 Numurkah - Raw Water Storage 2245 Numurkah - Exhibition Street & Tunnock Road Water Main Augmentations 		610	3,510	180													30	225						4,300 255	NUM NUM	IM GE	WQ1 WS2
2327 Numurkah - WMF Land Purchase				220													00	220						220	NUM	IM	SD
	SUB-TOTAL	610	3,580	550	200	4,180	4,500	0	0	0	0	0	0	0	0	0	30	225	0	0	0	0	0	13,875			
						TV			PICOLA			032															
						=				ITURE (\$'00	•																
REF PROJECT DESCRIPTION NO		Act.Exp.to 30/06/11	Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4		17/18 Year 6	18/19 Year 7	19/20 Year 8									28/29 Year 17				TOTAL	TOWN	PURPOSE	TYPE
2341 Picola - Clear Water Storage Augmentation							30	210																240	PIC	GE	WS1
	SUB-TOTAL	0	0	0	0	0	30	210	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	240			
						TV			PYALON	AN '2012/20 G ITURE (\$'00		032															
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22	22/23 Year 11	23/24	24/25 Year 13	25/26 Year 14	26/27 Vaca 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
2214 Pyalong - WTP Refurbishment Works		30/06/11	90	rear 1	225	rear 3	rear 4	rear 5	rear 6	rear /	rear 8	rear 9	rear 10	rear 11	rear 12	rear 13	rear 14	rear 15	rear 16	rear 17	rear 18	rearis	rear 20	315	PYA	IM	WQ1
2346 Pyalong - Tooborac to Pyalong Pipeline 2347 Pyalong - Additional Off Stream Storage													100	200	1,300	1,400					100	100	400	3,000 600	PYA PYA	NS IM	WQ1 WQ1
	CUD TOTAL	0	00	0	225	0	0	0	0	0	0	0	400	200	4.200	4 400	0	0	0	0							
	SUB-TOTAL	0	90	0	225	0	0	0 AD INIVES	0 TMENT PL	0 AN '2012/20	0	0	100	200	1,300	1,400	0	0	0	0	100	100	400	3,915			
						TV	VENTY-YE																				
						TV		RI	USHWOR		00)																
REF PROJECT DESCRIPTION			Est.Exp.for 2011/2012		13/14 Year 2	14/15	F 15/16	RIPROPOSEI 16/17	USHWOR DEXPENDI 17/18	RTH ITURE (\$'00 18/19	19/20	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYPE
NO 711 Rushworth - Reclaimed Water Reuse Scheme			Est.Exp.for 2011/2012 325		Year 2	14/15 Year 3	F	RI PROPOSEI	USHWOR DEXPENDI	RTH ITURE (\$'00	,	20/21 Year 9								28/29 Year 17				325	RUSH	NS	SD
NO 711 Rushworth - Reclaimed Water Reuse Scheme		30/06/11	2011/2012 325	Year 1	Year 2 45	14/15 Year 3	15/16 Year 4	RI PROPOSEI 16/17 Year 5	USHWOR DEXPENDI 17/18 Year 6	RTH ITURE (\$'00 18/19 Year 7	19/20 Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15		Year 17				325 445	RUSH		
NO 711 Rushworth - Reclaimed Water Reuse Scheme	SUB-TOTAL		2011/2012		Year 2	14/15 Year 3 400 400	1 5/16 Year 4	PROPOSED 16/17 Year 5	USHWOR DEXPENDI 17/18 Year 6 0	18/19 Year 7	19/20 Year 8 0	Year 9 0												325	RUSH	NS	SD
NO	SUB-TOTAL	30/06/11	2011/2012 325	Year 1	Year 2 45	14/15 Year 3 400 400	15/16 Year 4 0 VENTY-YE	RIPROPOSED 16/17 Year 5 0 AR INVEST SAWMI	USHWOR DEXPENDI 17/18 Year 6 0 TMENT PLA LL SETT	18/19 Year 7	19/20 Year 8 0	Year 9 0	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15		Year 17				325 445	RUSH	NS	SD
NO 711 Rushworth - Reclaimed Water Reuse Scheme 2339 Rushworth - Clear Water Storage Augmentation REF PROJECT DESCRIPTION	SUB-TOTAL	30/06/11 0	2011/2012 325 325 325	Year 1 0	Year 2 45 45 13/14	14/15 Year 3 400 400 TV	15/16 Year 4 0 VENTY-YE	RIPROPOSEL 16/17 Year 5 0 CAR INVEST SAWMII PROPOSEL 16/17	USHWOR DEXPENDI 17/18 Year 6 0 TMENT PLA LL SETT DEXPENDI 17/18	RTH ITURE (\$'00 18/19 Year 7 0 AN '2012/20 'LEMENT ITURE (\$'00 18/19	19/20 Year 8 0 0 0132031/2 000)	0 032 20/21	9 (21/22)	9 Year 11 0 22/23	9 Year 12 0 23/24	0 24/25	0 25/26	9 (26/27)	9 Year 16	Year 17 0	9/30 Year 18	Year 19 0 30/31	Year 20	325 445	RUSH RUSH	NS	SD WS1
NO 711 Rushworth - Reclaimed Water Reuse Scheme 2339 Rushworth - Clear Water Storage Augmentation REF PROJECT DESCRIPTION NO 1910 Sawmill Settlement - Raw Water Storage	SUB-TOTAL	30/06/11 0	2011/2012 325 325	Year 1 0	Year 2 45 45	14/15 Year 3 400 400	0 VENTY-YE	PROPOSEI 16/17 Year 5 0 CAR INVEST SAWMII PROPOSEI	USHWOR DEXPENDI 17/18 Year 6 0 TMENT PLA LL SETT DEXPENDI 17/18	RTH ITURE (\$'00 18/19 Year 7 0 AN '2012/20 'LEMENT ITURE (\$'00 18/19	19/20 Year 8 0 0132031/2	9 0 032	9 (21/22)	9 Year 11 0 22/23	9 Year 12 0 23/24	0 24/25	0 25/26	9 (26/27)	9 Year 16	Year 17 0	9/30 Year 18	9 Year 19	Year 20	325 445 770 TOTAL 3,310	RUSH RUSH TOWN SAW	NS GE PURPOSE	SD WS1
NO 711 Rushworth - Reclaimed Water Reuse Scheme 2339 Rushworth - Clear Water Storage Augmentation REF PROJECT DESCRIPTION NO	SUB-TOTAL SUB-TOTAL	30/06/11 0	2011/2012 325 325 325	Year 1 0	Year 2 45 45 13/14	14/15 Year 3 400 400 TV	15/16 Year 4 0 VENTY-YE	RIPROPOSEL 16/17 Year 5 0 CAR INVEST SAWMII PROPOSEL 16/17	USHWOR DEXPENDI 17/18 Year 6 0 TMENT PLA LL SETT DEXPENDI 17/18	RTH ITURE (\$'00 18/19 Year 7 0 AN '2012/20 'LEMENT ITURE (\$'00 18/19	19/20 Year 8 0 0132031/2 000) 19/20 Year 8	0 032 20/21 Year 9	9 21/22 Year 10	Year 11 0 22/23 Year 11	9 23/24 Year 12	0 24/25	0 25/26	9 (26/27)	9 Year 16	Year 17 0	9/30 Year 18	Year 19 0 30/31	Year 20	325 445 770	RUSH RUSH TOWN	NS GE PURPOSE	SD WS1

2012-2013 Capex 20yr Investment Plan v5.xlsx

Goulburn Valley Region Water Corporation		201	<u>2/201</u>	<u> 3 Сар</u>	ital W	'ENTY-YEA	AR INVEST	PAY INT MENT PLAN UR/TALLA	'2012/2013	<u>UCTU</u> 32031/203	<u>e Inv</u>	<u>estm</u>	<u>ent Pr</u>	<u>rogra</u>	<u>m</u>											
								EXPENDITU	` '																	
REF PROJECT DESCRIPTION NO	30/06/11	Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7		20/21 Year 9	21/22 Year 10	22/23 Year 11		24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL		PURPOSE	IYPE
2113 Seymour - Sewer Network Augmentation2211 Seymour - SPS01 Rising Main Replacement				20	90 145	600 155	1,550	1 855															710 3,705	SEY SEY	IM RM	SC SC
2314 Seymour - SPS02 Odour Control Upgrade					140	100	1,000	1,000															100	SEY	IM	SC
SUB-TOTAL SUB-TOTAL	L 0	0	0	20	235	855	1,550	1,855	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,515			
						ENTY-YEA	R INVEST	MENT PLAN N/TALLYO EXPENDITU	GAROOP	PNA	32												,			
REF PROJECT DESCRIPTION NO	Act.Exp.to 30/06/11	Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL		PURPOSE	
32 Shepparton - Outfall Rising Main Replacement 565 Shepparton - Gravity Sewer Wanganui Rd	300	715					20	210				3,450	4,050										7,730 1,015	SHE	RM RM	SC SC
1226 Shepparton - WTP Capacity Upgrade 1329 Shepparton - Maculata Drive Tower Replacement					300	400 50	7,500 635	8,990															17,190 685	SHE	GE RM	WQ1 SC
1402 Shepparton - Congupna Booster Pump Station			50	110	520	- 00	000										7.5	200					680	SHE	IM IM	WS1
Shepparton - Old Dookie Road Water MainShepparton - Campbells Rising Main Upgrade	1,056	719															75	830					905 1,775	SHE SHE	RM	WS1 SC
 Shepparton - WMF HRAL Additional Aerators and Mixers Shepparton - WMF Anaerobic to Maturation Lagoons Transfer Pipeline Replacement 		15				75	890				95	1,165											1,260 980	SHE	IM RM	SD SD
1833 Shepparton - DN375 Direct Feed Water Main to South Tank		10				73	000		415														3,900	SHE	GE	WS1
1834 Shepparton - DN450 Trunk Water Main South of Kialla Lakes Drive 1835 Shepparton - DN375 Water Main South of Raftery Road									120	1,005							170	1,450					1,125 1,620	SHE	GE GE	WS1 WS1
1837 Shepparton - Kialla Lakes South Sewer Pump Station				440														,					440	SHE	GE	SC
 Shepparton - Kialla Lakes South Sewer Pump Station Rising Main Stages 1 & 2 Shepparton - SPS 54 Pump Station & Rising Main Upgrade 				675					945														675 945	SHE SHE	GE GE	SC SC
1840 Shepparton - Odour control at SHPS05 Wanganui Road 2008 Shepparton - WMF Irrigation Capacity Upgrade	562	48									200	2,900											610 3,100	SHE SHE	RM GE	SD SD
2116 Shepparton - WMF Septage Receival Facilities Upgrade	210	10		4.45								_,555											220	SHE	RM	SD
 Shepparton - WTP Generator Automatic Change Over Shepparton - SPS05 Additional Storage 				145 60		470																	145 530	SHE	IM IM	WQ1 SC
2209 Shepparton - SPS08 Rising Main Extension 2212 Shepparton - SPS25 Odour Control Upgrade	70	255	50	295																			345 325	SHE	IM IM	SC SC
2213 Shepparton - SPS44 Upgrade	70	40		310																			350	SHE	GE	SC
2216 Shepparton - Shepparton South Tank Pump Station Upgrade2219 Shepparton - Shepparton South Dedicated Pump Station					100	1,425			90	750													1,525 840	SHE	GE GE	WS1 WS1
2221 Shepparton - Lemnos Pump Station Upgrade																		200	1,655				1,855	SHE	GE	WS1
2222 Shepparton - Poplar Avenue Water Main Augmentation 2307 Shepparton - WMF High Rate Anaerobic Lagoon Cover Replacement						300	3,790											75	650				725 4,090	SHE	GE RM	WS1 SD
2311 Shepparton - Doyles Road Sewerage Reticulation Extension 2317 Shepparton - WTP Low Lift Pump Station Energy Efficiency Improvement		20	210 80	40																			230 120	SHE	NS RM	SC WQ1
2324 Shepparton - Kialla Lakes South SPS Rising Main Stage 3			60	40				325															325	SHE	IM	SC
2325 Shepparton - Kialla Lakes South SPS Rising Main Stage 42331 Shepparton - SPS03 Odour Control Upgrade		35	320							120	1,265												1,385 355	SHE SHE	IM IM	SC SC
2334 Shepparton - Raw Water Pump Station Augmentation			V=0						200	200	2,500	2,740				450	0.005						5,640	SHE	IM	WQ1
2344 Shepparton - Clear Water Storage Augmentation 2346 Shepparton - Northside Estate Sewer Distribution Assets			960													150	3,025						3,175 960	SHE	GE GE	WS1 SD
SUB-TOTAI	L 2,198	1,857	1,670	2,075	920	2,720	12,835	9,525	1,770	5,560	4,060	10,255	4,050	0	0	150	3,270	2,555	2,305	0	0	0	67,775			
					TW		S	MENT PLAN TANHOPE EXPENDITU			32															
REF PROJECT DESCRIPTION	Act.Exp.te	Est.Exp.for	12/13	13/14	14/15	15/16	16/17			•	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO	30/06/11	2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6				Year 10		Year 12	Year 13				Year 17	Year 18	Year 19	Year 20				
SUB-TOTA	L 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
					TW	ENTY-YEA		MENT PLAN		32031/203	32															
						PF		RATHBOG EXPENDITU)																
REF PROJECT DESCRIPTION		Est.Exp.for		13/14	14/15	PF 15/16		EXPENDITU	JRE (\$'000)	•	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
REF PROJECT DESCRIPTION NO		o Est.Exp.for 2011/2012		13/14 Year 2			ROPOSED	EXPENDITU 17/18	JRE (\$'000)	19/20			22/23 Year 11										TOTAL	TOWN	PURPOSE	TYPE
	30/06/11					15/16	ROPOSED	EXPENDITU 17/18	JRE (\$'000)	19/20													TOTAL	TOWN	PURPOSE	TYPE
NO	30/06/11	2011/2012			Year 3	15/16 Year 4 0 /ENTY-YEA	ROPOSED 16/17 Year 5 0 AR INVEST STR	17/18 Year 6 0 MENT PLAN ATHMERT	JRE (\$'000) 18/19 Year 7 0 '2012/2013	19/20 Year 8 0 32031/203	Year 9	Year 10	Year 11	Year 12			Year 15						TOTAL 0	TOWN	PURPOSE	ТҮРЕ
NO SUB-TOTA	30/06/11 L 0	2011/2012 0	Year 1 0	Year 2 0	Year 3 0 TW	15/16 Year 4 0 /ENTY-YEA	16/17 Year 5 0 AR INVEST STR.	17/18 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITL	JRE (\$'000) 18/19 Year 7 0 1'2012/2013 ON JRE (\$'000)	19/20 Year 8 0 32031/203	9 0 32	Year 10 0	Year 11 0	Year 12 0	Year 13 0	Year 14 0	9 0	Year 16 0	Year 17 0	Year 18 0	Year 19 0	Year 20	0			
NO	30/06/11 L 0 Act.Exp.to	2011/2012	Year 1 0 12/13		Year 3	15/16 Year 4 0 /ENTY-YEA	ROPOSED 16/17 Year 5 0 AR INVEST STR	EXPENDITU 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITU 17/18	JRE (\$'000) 18/19 Year 7 0 1'2012/2013 ON JRE (\$'000) 18/19	19/20 Year 8 0 32031/203	Year 9 0 32 20/21	Year 10	Year 11 0	Year 12 0 23/24	9 (13 (13 (14 (14 (14 (14 (14 (14 (14 (14 (14 (14	9 25/26	9 0 26/27	Year 16 0 27/28	Year 17 0 28/29	Year 18 0 29/30	Year 19 0 30/31	Year 20 0	0		PURPOSE	
REF PROJECT DESCRIPTION NO	30/06/11 L 0 Act.Exp.te 30/06/11	0 Est.Exp.for	Year 1 0 12/13	Year 2 0	Year 3 0 TW	15/16 Year 4 0 ENTY-YEA	16/17 Year 5 0 AR INVEST STR. ROPOSED 16/17	EXPENDITU 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITU 17/18	JRE (\$'000) 18/19 Year 7 0 1'2012/2013 ON JRE (\$'000) 18/19	19/20 Year 8 0 32031/203	Year 9 0 32 20/21	9 21/22	9 Year 11 Year	Year 12 0 23/24	9 (13 (13 (14 (14 (14 (14 (14 (14 (14 (14 (14 (14	9 25/26	9 0 26/27	Year 16 0 27/28	Year 17 0 28/29	Year 18 0 29/30	Year 19 0 30/31	Year 20 0	0			
NO SUB-TOTA REF PROJECT DESCRIPTION	30/06/11 L 0 Act.Exp.te 30/06/11	0 Est.Exp.for	Year 1 0 12/13 Year 1	Year 2 0 13/14 Year 2	14/15 Year 3	15/16 Year 4 0 PF 15/16 Year 4	AR INVEST STR. ROPOSED 16/17 Year 5 0 AR INVEST STR. ROPOSED 16/17 Year 5	EXPENDITU 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITU 17/18 Year 6 0	18/19 Year 7 0 '2012/2013 ON JRE (\$'000) 18/19 Year 7	19/20 Year 8 0 32031/203) 19/20 Year 8	9 0 32 20/21 Year 9	9 21/22	9 22/23 Year 11	Year 12 0 23/24	9 (13 (13 (14 (14 (14 (14 (14 (14 (14 (14 (14 (14	9 25/26	9 0 26/27	Year 16 0 27/28	Year 17 0 28/29	Year 18 0 29/30	Year 19 0 30/31	Year 20 0	0			
REF PROJECT DESCRIPTION NO	30/06/11 L 0 Act.Exp.te 30/06/11	0 Est.Exp.for	Year 1 0 12/13 Year 1	Year 2 0 13/14 Year 2	14/15 Year 3	15/16 Year 4 0 /ENTY-YEA Pf 15/16 Year 4 0	ROPOSED 16/17 Year 5 0 AR INVEST STR. ROPOSED 16/17 Year 5 0 AR INVEST	EXPENDITU 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITU 17/18 Year 6	JRE (\$000) 18/19 Year 7 0 1/2012/2013 ON JRE (\$000) 18/19 Year 7 0	19/20 Year 8 0 32031/203) 19/20 Year 8 0 32031/203	9 0 32 20/21 Year 9	9 21/22	9 22/23 Year 11	Year 12 0 23/24	9 (13 (13 (14 (14 (14 (14 (14 (14 (14 (14 (14 (14	9 25/26	9 0 26/27	Year 16 0 27/28	Year 17 0 28/29	Year 18 0 29/30	Year 19 0 30/31	Year 20 0	0			
REF PROJECT DESCRIPTION SUB-TOTA SUB-TOTA REF PROJECT DESCRIPTION	30/06/11 L 0 Act.Exp.tr 30/06/11 L 0 Act.Exp.tr	0 Est.Exp.for 2011/2012 0 Est.Exp.for 2011/2012 0 Est.Exp.for	Year 1 0 12/13 Year 1 0	13/14 Year 2 0	14/15 Year 3 0 TW	15/16 Year 4 0 /ENTY-YEA 15/16 Year 4 0 /ENTY-YEA	ROPOSED 16/17 Year 5 0 AR INVEST STR. ROPOSED 16/17 Year 5 0 AR INVEST ROPOSED 16/17	EXPENDITU 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITU 17/18 Year 6 0 MENT PLAN TATURA EXPENDITU 17/18	JRE (\$000) 18/19 Year 7 0 '2012/2013 'ON JRE (\$000) 18/19 Year 7 0 '2012/2013 JRE (\$000) 18/19	19/20 Year 8 0 32031/203) 19/20 Year 8 0 32031/203	9 0 32 20/21 Year 9 0 32	Year 10 0 21/22 Year 10 0	22/23 Year 11 0	23/24 Year 12 0	Year 13 0 24/25 Year 13 0	25/26 Year 14 0	26/27 Year 15 0 26/27 Year 15	27/28 Year 16 0	28/29 Year 17 0	29/30 Year 18 0	30/31 Year 19 0	9 31/32 Year 20 0 31/32	0	TOWN		TYPE
REF PROJECT DESCRIPTION NO SUB-TOTA	30/06/11 L 0 Act.Exp.tr 30/06/11 L 0 Act.Exp.tr	2011/2012 0 Est.Exp.for 2011/2012	Year 1 0 12/13 Year 1 0	13/14 Year 2 0	9 TW 14/15 Year 3 0 TW	15/16 Year 4 0 /ENTY-YEA 15/16 Year 4 0 /ENTY-YEA	ROPOSED 16/17 Year 5 0 AR INVEST STR. ROPOSED 16/17 Year 5 0 AR INVEST ROPOSED	EXPENDITU 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITU 17/18 Year 6 0 MENT PLAN TATURA EXPENDITU 17/18	JRE (\$000) 18/19 Year 7 0 '2012/2013 ON JRE (\$000) 18/19 Year 7 0 JRE (\$000) 18/19	19/20 Year 8 0 32031/203) 19/20 Year 8 0 32031/203	9 0 32 20/21 Year 9 0 32	21/22 Year 10	22/23 Year 11	23/24 Year 12 0	Year 13 0 24/25 Year 13 0	25/26 Year 14 0	26/27 Year 15 0 26/27 Year 15	27/28 Year 16 0	28/29 Year 17 0	29/30 Year 18 0	30/31 Year 19 0	9 31/32 Year 20 0 31/32	0 TOTAL 0	TOWN	PURPOSE	TYPE
REF PROJECT DESCRIPTION NO SUB-TOTA REF PROJECT DESCRIPTION NO 1337 Tatura - Brown Street Pump Station Upgrade 1389 Tatura - WMF Augmentation	30/06/11 L 0 Act.Exp.tt 30/06/11 L 0 Act.Exp.tt 30/06/11	0 Est.Exp.for 2011/2012 0 Est.Exp.for 2011/2012 0 Est.Exp.for	Year 1 0 12/13 Year 1 0 12/13 Year 1	13/14 Year 2 0	14/15 Year 3 0 TW	15/16 Year 4 0 /ENTY-YEA 15/16 Year 4 0 /ENTY-YEA	ROPOSED 16/17 Year 5 0 AR INVEST STR. ROPOSED 16/17 Year 5 0 AR INVEST ROPOSED 16/17 Year 5	EXPENDITU 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITU 17/18 Year 6 0 MENT PLAN TATURA EXPENDITU 17/18 Year 6	JRE (\$000) 18/19 Year 7 0 '2012/2013 'ON JRE (\$000) 18/19 Year 7 0 '2012/2013 JRE (\$000) 18/19	19/20 Year 8 0 32031/203) 19/20 Year 8 0 32031/203	9 0 32 20/21 Year 9 0 32	Year 10 0 21/22 Year 10 0	22/23 Year 11 0	23/24 Year 12 0	Year 13 0 24/25 Year 13 0	25/26 Year 14 0	26/27 Year 15 0 26/27 Year 15	27/28 Year 16 0	28/29 Year 17 0	29/30 Year 18 0	30/31 Year 19 0	9 31/32 Year 20 0 31/32	0 TOTAL 455 3,288	TOWN TOWN TAT TAT	PURPOSE PURPOSE IM IM	TYPE TYPE SC SD
REF PROJECT DESCRIPTION SUB-TOTA SUB-TOTA REF PROJECT DESCRIPTION NO 1337 Tatura - Brown Street Pump Station Upgrade 1389 Tatura - WMIF Augmentation 1503 Tatura - Water Tower Upgrade 1606 Tatura - Additional Offsite Reusers	30/06/11 L 0 Act.Exp.tt 30/06/11 L 0 Act.Exp.tt 30/06/11	0 Est.Exp.for 2011/2012 0 Est.Exp.for 2011/2012 0 Est.Exp.for	Year 1 0 12/13 Year 1 0 12/13 Year 1	13/14 Year 2 0	14/15 Year 3 0 TW	15/16 Year 4 0 /ENTY-YEA 15/16 Year 4 0 /ENTY-YEA	ROPOSED 16/17 Year 5 0 AR INVEST STR. ROPOSED 16/17 Year 5 0 AR INVEST ROPOSED 16/17	EXPENDITU 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITU 17/18 Year 6 0 MENT PLAN TATURA EXPENDITU 17/18	JRE (\$000) 18/19 Year 7 0 '2012/2013 'ON JRE (\$000) 18/19 Year 7 0 '2012/2013 JRE (\$000) 18/19	19/20 Year 8 0 32031/203) 19/20 Year 8 0 32031/203	Year 9 0 32 20/21 Year 9 0 32 20/21 Year 9	Year 10 0 21/22 Year 10 0 21/22 Year 10	22/23 Year 11 0	23/24 Year 12 0 23/24 Year 12	Year 13 0 24/25 Year 13 0	25/26 Year 14 0	26/27 Year 15 0 26/27 Year 15	Year 16 0 27/28 Year 16 0 27/28 Year 16	28/29 Year 17 0 28/29 Year 17	29/30 Year 18 0	30/31 Year 19 0	9 31/32 Year 20 0 31/32	0 TOTAL 0 TOTAL 455 3,288 1,090 1,180	TOWN TOWN TAT TAT TAT TAT	PURPOSE IM IM RM GE	TYPE SC SD WS1 SD
REF PROJECT DESCRIPTION SUB-TOTA REF PROJECT DESCRIPTION NO 1337 Tatura - Brown Street Pump Station Upgrade 1389 Tatura - Water Tower Upgrade 1503 Tatura - Water Tower Upgrade 1606 Tatura - Additional Offsite Reusers 1709 Tatura - Additional WfF Winter Storage (Stage 2)	30/06/11 L 0 Act.Exp.tt 30/06/11 L 0 Act.Exp.tt 30/06/11	0 Est.Exp.for 2011/2012 0 Est.Exp.for 2011/2012 0 Est.Exp.for	Year 1 0 12/13 Year 1 0 12/13 Year 1	13/14 Year 2 0	14/15 Year 3 0 TW	15/16 Year 4 0 /ENTY-YEA 15/16 Year 4 0 /ENTY-YEA	ROPOSED 16/17 Year 5 0 AR INVEST STR. ROPOSED 16/17 Year 5 0 AR INVEST ROPOSED 16/17 Year 5 425	EXPENDITU 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITU 17/18 Year 6 0 MENT PLAN TATURA EXPENDITU 17/18 Year 6 665	JRE (\$000) 18/19 Year 7 0 '2012/2013 ON JRE (\$000) 18/19 Year 7 0 JRE (\$000) 18/19 Year 7 7 JRE (\$000)	19/20 Year 8 0 32031/203) 19/20 Year 8 0 32031/203) 19/20 Year 8	Year 9 0 32 20/21 Year 9 0 32 20/21 Year 9	Year 10 0 21/22 Year 10 0 21/22 Year 10	22/23 Year 11 0	23/24 Year 12 0 23/24 Year 12	Year 13 0 24/25 Year 13 0	25/26 Year 14 0	26/27 Year 15 0 26/27 Year 15	27/28 Year 16 0	28/29 Year 17 0	29/30 Year 18 0	30/31 Year 19 0	9 31/32 Year 20 0 31/32	0 TOTAL 455 3,288 1,090 1,180 1,600	TOWN TAT TAT TAT TAT TAT TAT TAT	PURPOSE IM IM RM GE GE GE	TYPE SC SD WS1 SD SD
REF PROJECT DESCRIPTION SUB-TOTA REF PROJECT DESCRIPTION NO 1337 Tatura - Brown Street Pump Station Upgrade 1389 Tatura - WMF Augmentation 1503 Tatura - WMF Augmentation 1503 Tatura - Additional Offsite Reusers 1709 Tatura - Additional Offsite Reusers 1709 Tatura - Additional WMF Winter Storage (Stage 2) 1710 Tatura - WTP Capacity Upgrade 1711 Tatura - WTP Capacity Upgrade 1712 Tatura - SPS01 Odour Control Upgrade 1713 Tatura - SPS01 Odour Control Upgrade	30/06/11 L 0 Act.Exp.tt 30/06/11 L 0 Act.Exp.tt 30/06/11	0 Est.Exp.for 2011/2012 0 Est.Exp.for 2011/2012 0 Est.Exp.for	Year 1 0 12/13 Year 1 0 12/13 Year 1 30	13/14 Year 2 0	14/15 Year 3 0 TW	15/16 Year 4 0 /ENTY-YEA 15/16 Year 4 0 /ENTY-YEA	ROPOSED 16/17 Year 5 0 AR INVEST STR. ROPOSED 16/17 Year 5 0 AR INVEST ROPOSED 16/17 Year 5	EXPENDITU 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITU 17/18 Year 6 0 MENT PLAN TATURA EXPENDITU 17/18 Year 6 665	JRE (\$000) 18/19 Year 7 0 '2012/2013 ON JRE (\$000) 18/19 Year 7 0 JRE (\$000) 18/19 Year 7 7 JRE (\$000)	19/20 Year 8 0 32031/203) 19/20 Year 8 0 32031/203	Year 9 0 32 20/21 Year 9 0 32 20/21 Year 9 120 1,090	21/22 Year 10 0 21/22 Year 10 1,200	22/23 Year 11 0	23/24 Year 12 0 23/24 Year 12	Year 13 0 24/25 Year 13 0	25/26 Year 14 0	26/27 Year 15 0 26/27 Year 15	Year 16 0 27/28 Year 16 0 27/28 Year 16	28/29 Year 17 0 28/29 Year 17	29/30 Year 18 0	30/31 Year 19 0	9 31/32 Year 20 0 31/32	0 TOTAL 455 3,288 1,090 1,180 1,600 6,500 395	TOWN TOWN TAT TAT TAT TAT TAT TAT TAT	PURPOSE IM IM RM GE GE III	TYPE SC SD WS1 SD SD WQ1 SC
REF PROJECT DESCRIPTION SUB-TOTA REF PROJECT DESCRIPTION NO 1337 Tatura - Brown Street Pump Station Upgrade 1389 Tatura - WMF Augmentation 1503 Tatura - Water Tower Upgrade 1606 Tatura - Additional Offsite Reusers 1709 Tatura - Additional Offsite Reusers 1709 Tatura - Additional WMF Winter Storage (Stage 2) 1854 Tatura - WTP Capacity Upgrade	30/06/11 L 0 Act.Exp.tc 30/06/11 L 0 Act.Exp.tc 30/06/11 135	0 Est.Exp.for 2011/2012 0 Est.Exp.for 2011/2012 0 Est.Exp.for 2011/2012	Year 1 0 12/13 Year 1 0 12/13 Year 1 30	13/14 Year 2 0 13/14 Year 2 290	14/15 Year 3 0 TW	15/16 Year 4 0 /ENTY-YEA 15/16 Year 4 0 /ENTY-YEA	ROPOSED 16/17 Year 5 0 AR INVEST STR. ROPOSED 16/17 Year 5 0 AR INVEST ROPOSED 16/17 Year 5 425	EXPENDITU 17/18 Year 6 0 MENT PLAN ATHMERT EXPENDITU 17/18 Year 6 0 MENT PLAN TATURA EXPENDITU 17/18 Year 6 665	JRE (\$000) 18/19 Year 7 0 '2012/2013 ON JRE (\$000) 18/19 Year 7 0 JRE (\$000) 18/19 Year 7 7 JRE (\$000)	19/20 Year 8 0 32031/203) 19/20 Year 8 0 32031/203) 19/20 Year 8	Year 9 0 32 20/21 Year 9 0 32 20/21 Year 9	Year 10 0 21/22 Year 10 0 21/22 Year 10	22/23 Year 11 0	23/24 Year 12 0 23/24 Year 12	Year 13 0 24/25 Year 13 0	25/26 Year 14 0	26/27 Year 15 0 26/27 Year 15	Year 16 0 27/28 Year 16 0 27/28 Year 16	28/29 Year 17 0 28/29 Year 17	29/30 Year 18 0	30/31 Year 19 0	9 31/32 Year 20 0 31/32	0 TOTAL 455 3,288 1,090 1,180 1,600 6,500	TOWN TAT TAT TAT TAT TAT TAT TAT	PURPOSE IM IM RM GE GE GE GE	TYPE SC SD WS1 SD SD WQ1

2012/2013 Capital Works 20-Year Infrastructure Investment Program

Goulburn Valley Region	Water Corporation		2012	2/201	3 Сар	ital V	Vorks	30-Y	ear Ir	ıfrast	ructu	re Inv	vestn	nent F	Progra	am											
						TW	VENTY-YE	AR INVES	TMENT PLA		0132031/2	2032															
1							F	PROPOSEI			00)																
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYPE
	SUB-TOTAL		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
			<u>_</u>	-	-	TW		AR INVES	TMENT PLA	AN '2012/2					-							-	<u> </u>	<u> </u>			
							ı	PROPOSEI	TONGAL		00)																
REF PROJECT DESCRIPTION		Act.Exp.to	Est.Exp.for	12/13	13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO 1841 Tongala - WTP Filter Replacement		30/06/11 2,117	2011/2012 20	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	2,137	TON	IM	WQ1
2303 Tongala - Fluoride Plant Upgrade				30	380	170																		580	TON	IM	WQ1
	SUB-TOTAL	2,117	20	30	380	170	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,717			
						TW		AR INVES T PROPOSEI	OOLAM	ВА		2032															
REF PROJECT DESCRIPTION			Est.Exp.for		13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO		30/06/11	2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20				
	SUB-TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
						١٧١			OLET TO	WN		2032															
REF PROJECT DESCRIPTION		Act 5 (Eat Front	4040	4044	4 4 4 7		PROPOSEI		,	*	20/04	04/00	00/00	20/04	24/05	05/00	20/07	97/00	20/00	20/00	20/04	24/00	TOTAL	TOWN	DUDDOOF	_{TVD}
NO			2011/2012	Year 1	13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL		PURPOSE	
 Violet Town - Sewer Reticulation Repair Violet Town - Clear Water Storage Augmentation 			30	335	480		20	190																845 210	VIOL VIOL	RM GE	SC WS1
	SUB-TOTAL	0	30	335	480	0	20	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,055			
						TW	VENTY-YE	AR INVES			0132031/2	2032															
							F	PROPOSEI	NANDON EXPEND		00)																
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYPE
2107 Wandong - Rising Main Gas Release Valves Upgrade 2306 Wandong - Sewer Network Augmentation		00/00/11	155	1 oui 1	120	690	1001 4	Toul o	Toul o	100.1	100.0	rour o	100110	100111	1001 12	100110	1001 14	100110	100110	100111	100110	100.10	1001 20	155 810	WAND WAND	RM IM	SC SC
2000 Walldong Collot Notwork/Augmontation	SUB-TOTAL	0	155	0	120	690	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	965	Wille		
							/ENTY-YE	AR INVES	TMENT PLA	AN '2012/2	0132031/2	2032															
							F	WAT PROPOSEI	ERFORD EXPENDI		00)																
REF PROJECT DESCRIPTION			Est.Exp.for		13/14	14/15	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32	TOTAL	TOWN	PURPOSE	TYPE
NO			2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20				
	SUB-TOTAL	0	0	0	0	0 704	0 /FNTV VE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
						IV		AR INVES WO PROPOSEI	OODS PC	TNIC		2032															
REF PROJECT DESCRIPTION			Est.Exp.for				15/16		17/18	18/19	19/20	20/21		22/23		24/25			27/28	28/29	29/30		31/32	TOTAL	TOWN	PURPOSE	TYPE
NO 2233 Woods Point – Clear Water Storage Augmentation		30/06/11 13	2011/2012	Year 1	Year 2	Year 3	Year 4	Year 5 22	Year 6 290	Year /	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Year 16	Year 17	Year 18	Year 19	Year 20	325	WOOD	IM	WS1
	SUB-TOTAL	13	0	0	0	0	0	22	290	0	0	0	0	0	0	0	0	0	0	0	0	0	0	325			
						TW	VENTY-YE	AR INVES	TMENT PLA	AN '2012/2	0132031/2	2032															
							F	PROPOSEI		ITURE (\$'0	00)																
REF PROJECT DESCRIPTION NO			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3		16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL	TOWN	PURPOSE	TYPE
2319 Yea - East Street Water Main Augmentation		23,00111		. our I	10	70	. 041 7	. 041 0	. our o	. 041 1		. our o	. 541 10		. 541 12	. 541 10	. 541 17	. 541 15	. 541 10	. 541 11	. 541 10	. 541 13	. Jul 20	80	YEA	RM	WS2
	SUB-TOTAL	0	0	0	10	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80			
			Est.Exp.for 2011/2012		13/14 Year 2	14/15 Year 3	15/16 Year 4	16/17 Year 5	17/18 Year 6	18/19 Year 7	19/20 Year 8	20/21 Year 9	21/22 Year 10	22/23 Year 11	23/24 Year 12	24/25 Year 13	25/26 Year 14	26/27 Year 15	27/28 Year 16	28/29 Year 17	29/30 Year 18	30/31 Year 19	31/32 Year 20	TOTAL		TOTAL Year 1 - 20	
	TOTAL ("Shared Assets" to "Murchison")	27,622	20,502	16,593	29,615	22,645	21,125	17,750	18,405	23,750	21,940	24,970	18,155	15,020	19,995	22,055	18,430	14,945	17,215	14,495	14,645	21,395	22,150	443,417		395,293	
	TOTAL ("Nagambie to "Yea") TOTAL ("Shared Assets" to "Yea")		7,542 28,044	3,570 20,163	6,325 35,940	10,845 33,490	11,580 32,705		12,935 31.340	5,735 29.485	10,780 32,720	6,105 31.075	12,470 30.625	6,950 21,970	2,730 22.725	2,048 24.103	180 18,610	3,495 18.440	2,705 19,920	3,755 18.250	100 14.745	200 21.595	400 22,550	131,065 574,482	=	118,435 513,728	
	FOTAL (Including "Externally Financed Works")	•	32,544	24,763	40,540	38,090	37,305		35,940	34,085					27,325		-	23,040	24,520	22,850	19,345	26,195		675,682		605,728	-
τι	TAL expenditure to be delivered by APD Team		20,173	11.605	27.710	26.610	25.870	26.392	23.950	21.650	25.830	24.185	23.735	14,885	15.855	17.233	11.740	11.570	13.050	11.380	7.875	14.725	15.680		•		-
	TOTAL Number of APD Projects in progress		47	37	39	42	34	25	23	19	22	20	16	9	10	10	,	11	10	7	5	6	5				

2012-2013 Capex 20yr Investment Plan v5.xlsx